JMPS Industry Team

JMPS Overview

3 February 2000

What's JMPS?

Joint Mission Planning System

J: Air Force, Navy, SOCOM, Army

MP: Aviation mission planning:
- **Route planning**
- **Strike coordination**
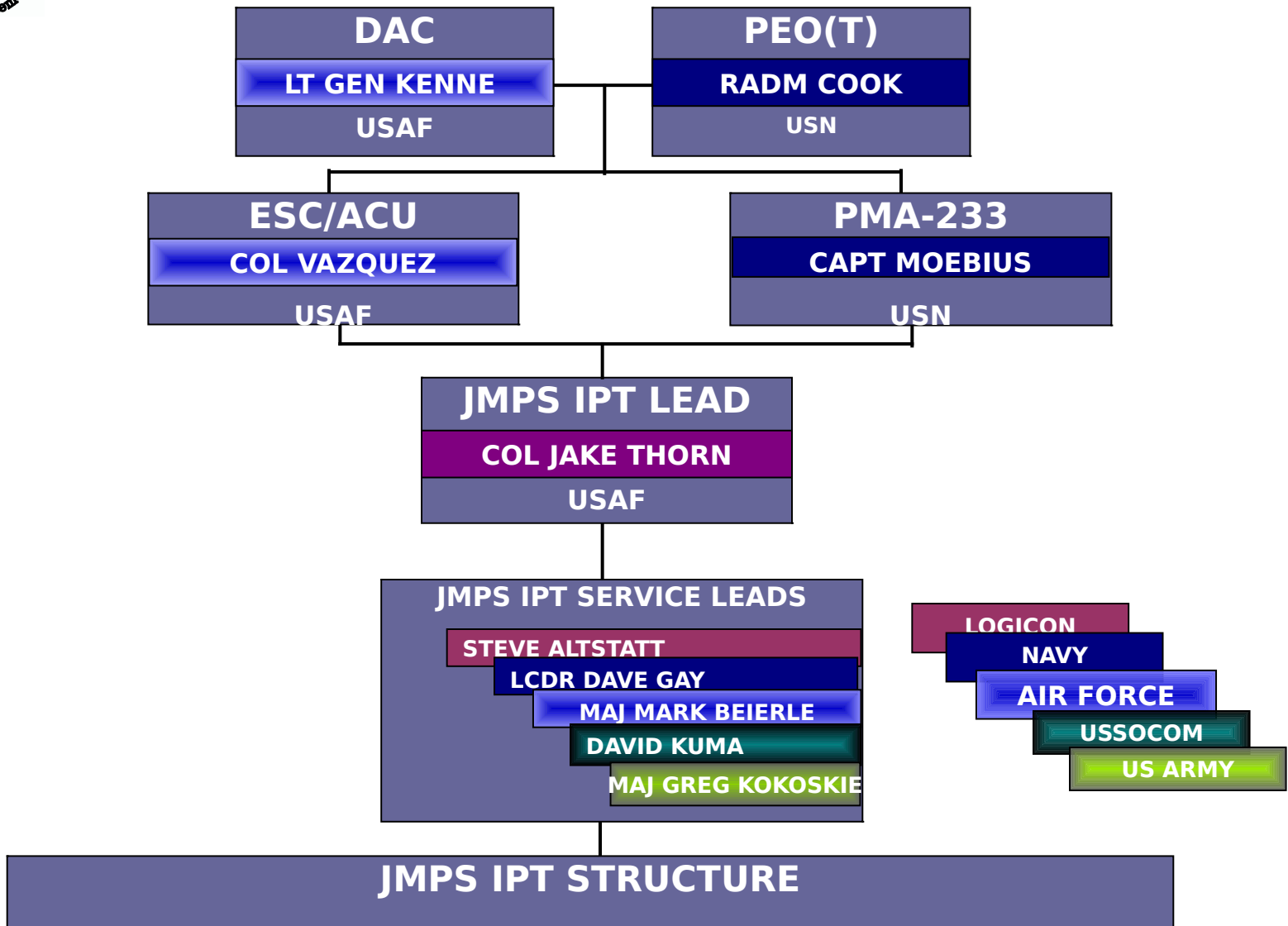- **Terrain/threat avoidance**
- **etc. etc.**

Software suites for PC/Windows platforms
- **DII COE compliant mission application**
- **COE level 6 initially (goal is level 7)**
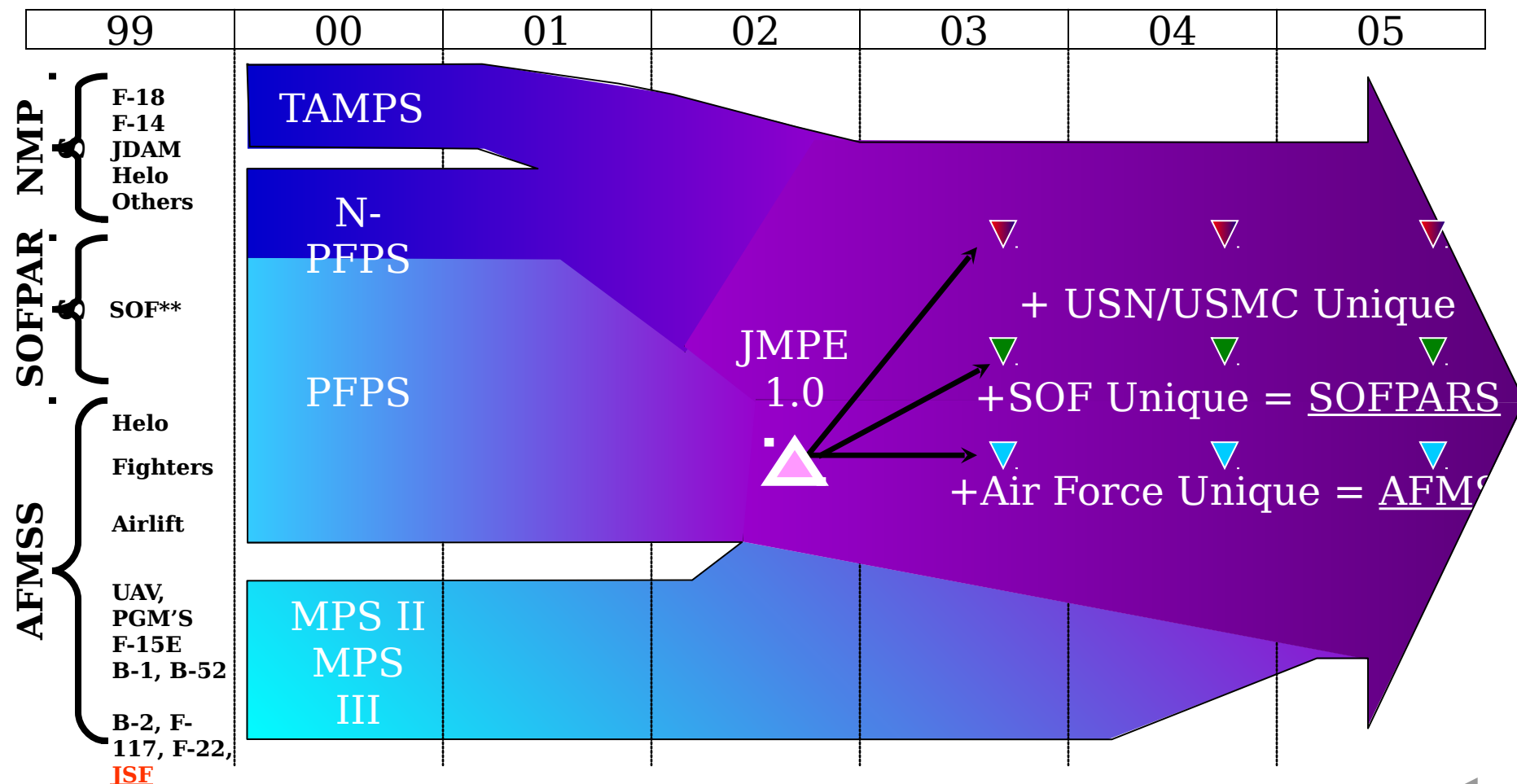- **I&T late '01; IOC mid '02; eventually ~10K 'seats'**

CURRENT JMPS ORGANIZATION

DAC	PEO(T)
LT GEN KENNE	**RADM COOK**
USAF	USN

ESC/ACU	PMA-233
COL VAZQUEZ	**CAPT MOEBIUS**
USAF	USN

JMPS IPT LEAD

COL JAKE THORN

USAF

JMPS IPT SERVICE LEADS

STEVE ALTSTATT
LCDR DAVE GAY
MAJ MARK BEIERLE
DAVID KUMA
MAJ GREG KOKOSKIE

LOGICON
NAVY
AIR FORCE
USSOCOM
US ARMY

JMPS IPT STRUCTURE

SCHEDULE
Joint Migration Plan to JMPE

JMPS Vision

Provide a system that meets the expectations of all users regarding intuitive behavior and ease of use while providing functionality that exceeds legacy planning systems

Provide a scalable architecture that allows users to select a system configuration at run time that precisely meets their mission planning needs

Provide a framework and architecture that supports coordinated mission planning within and between the Services.

Provide an extensible architecture for third party developers to successfully migrate AFMSS & TAMPS functionality to JMPS

Easy to Use

Coordinated Planning

Reduce Risk

Reduce Cost

JMPS VISION

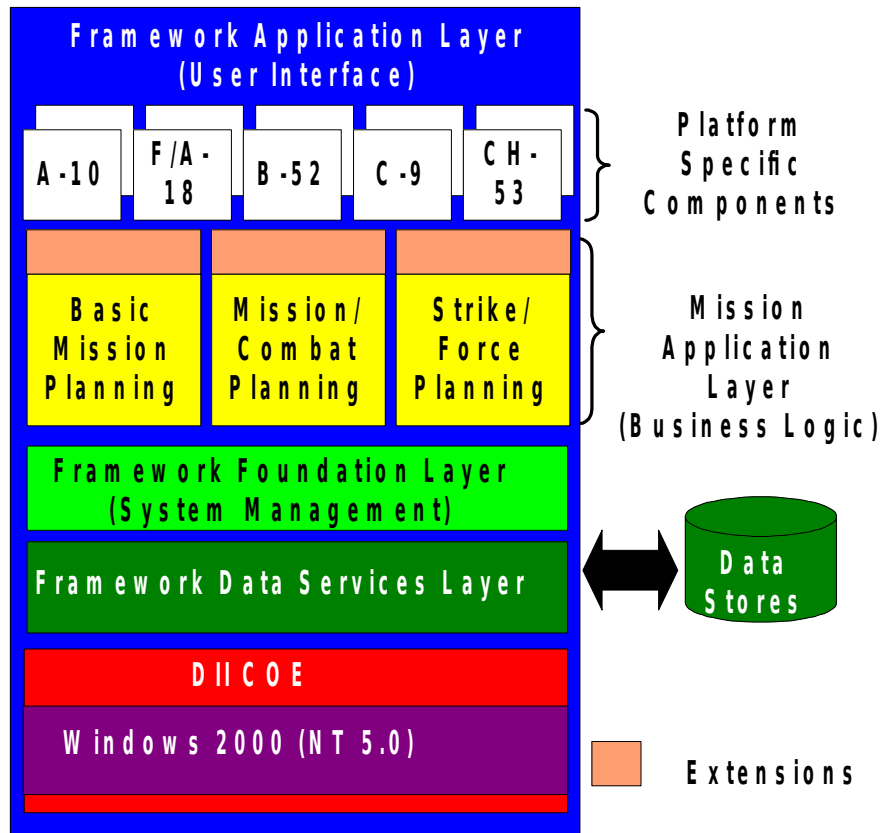**Provide an agile and responsive development & integration model that ensures a low risk implementation of the JMPS vision**

Reduce development, migration, and life cycle cost through effective use of extensible components, common processes and automated tools

JMPS System View

Framework Application Layer
(User Interface)

| A-10 | F/A-18 | B-52 | C-9 | CH-53 |

Platform Specific Components

Basic Mission Planning | **Mission/ Combat Planning** | **Strike/ Force Planning**

Mission Application Layer (Business Logic)

Framework Foundation Layer
(System Management)

Framework Data Services Layer

Data Stores

DII COE

Windows 2000 (NT 5.0)

Extensions

- **A set of components that can be configured into "systems"**
- **Mission planning functionality is provided by**
  - Mission application components
  - Platform specific components
- **Logicon Component Framework provides**
  - Dynamic configuration & session management of a "system"
  - Access to data stores & sources
  - Common user interaction
- **DII COE provides**
  - Windows 2000
  - Interoperability with other systems and data sources

JMPS Segmentation

- **Appears that modified abbreviated segmentation and bundling is JMPS' best approach under the I&RTS.**

- **If commercialization of the NT Kernel happens in 4.x**
  - COE installer deprecated?
  - CDS deprecated?

- **JMPS would prefer to plan segmentation around the (possibly commercialized) 4.4 COE for Win2K - avoiding any temporary artifacts imposed by the current I&RTS.**